

**Table 5**  
**Sample Containers, Analytical Methods, and Holding Times for Soil Samples**  
 Phase B Source Area Investigation Work Plan - Area III  
 Tronox Facility - Henderson, Nevada  
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Analyte	Method	Container (Minimum Volume)	Holding Time
Asbestos	EPA/540/R-97/028	1 kilogram in plastic bag or glass jar, no preservative	6 months
Cyanide	EPA 9012A	4-oz. glass jar	14 days
Dioxins/Furans	EPA Method 8290	4-oz. glass jar	30 days
Formaldehyde	EPA Method 8315A	4-oz. glass jar	14 days
General Chemistry Anions/Cations	Prep method 1:10 Di leach / various analytical methods****	4-oz. glass jar	None (leachate holdtime per water methods)
Hexavalent Chromium	EPA 7199 by ion chromatography, EPA 3060A for digestion	4-oz. glass jar	28 days to digestion, then 4 days to analysis of digestate
Metals*	EPA 6010 / 6020	4-oz. glass jar	6 months
Organochlorinated Pesticides	EPA Method 8081A	4-oz. glass jar	14 days
PCBs as Aroclors	EPA Method 8082	4-oz. glass jar	14 days
PCBs as congeners	EPA Method 1668A	4-oz. glass jar	1 year
SVOCs	EPA Method 8270	4-oz. glass jar	14 days
Total Organic Carbon	Lloyd Kahn method	4-oz. glass jar	28 days
TPH***	EPA 8015B (EPA 5035 for GRO fraction)	(3) Methanol preserved VOA vials for GRO; glass jar for DRO/ORO.	14 days
VOCs	EPA 8260B/5035	4 40-mL VOA vials**	14 days
<b>Radionuclides:</b>			
Radium-226	EPA 903.1 modified	4-oz. poly jar, no preservative	6 months
Radium-228	EPA 904.0 modified	4-oz. poly jar, no preservative	6 months
Thorium (Isotopic)	EML HASL 300 Alpha Spec	4-oz. poly jar, no preservative	6 months
Uranium (Isotopic)	EML HASL 300 Alpha Spec	4-oz. poly jar, no preservative	6 months
<p><b>Note:</b></p> <p>* Includes the metals listed on Table 1.</p> <p>For samples listing 4-oz. glass jar, one metal sleeve can be substituted.</p> <p>** Three VOA vials preserved with DI water and one VOA vial preserved with methanol.</p> <p>*** TPH includes GRO, DRO, and ORO.</p> <p>**** See analytes in GW list (except TSS, TOC, cyanide, and conductance)</p>			